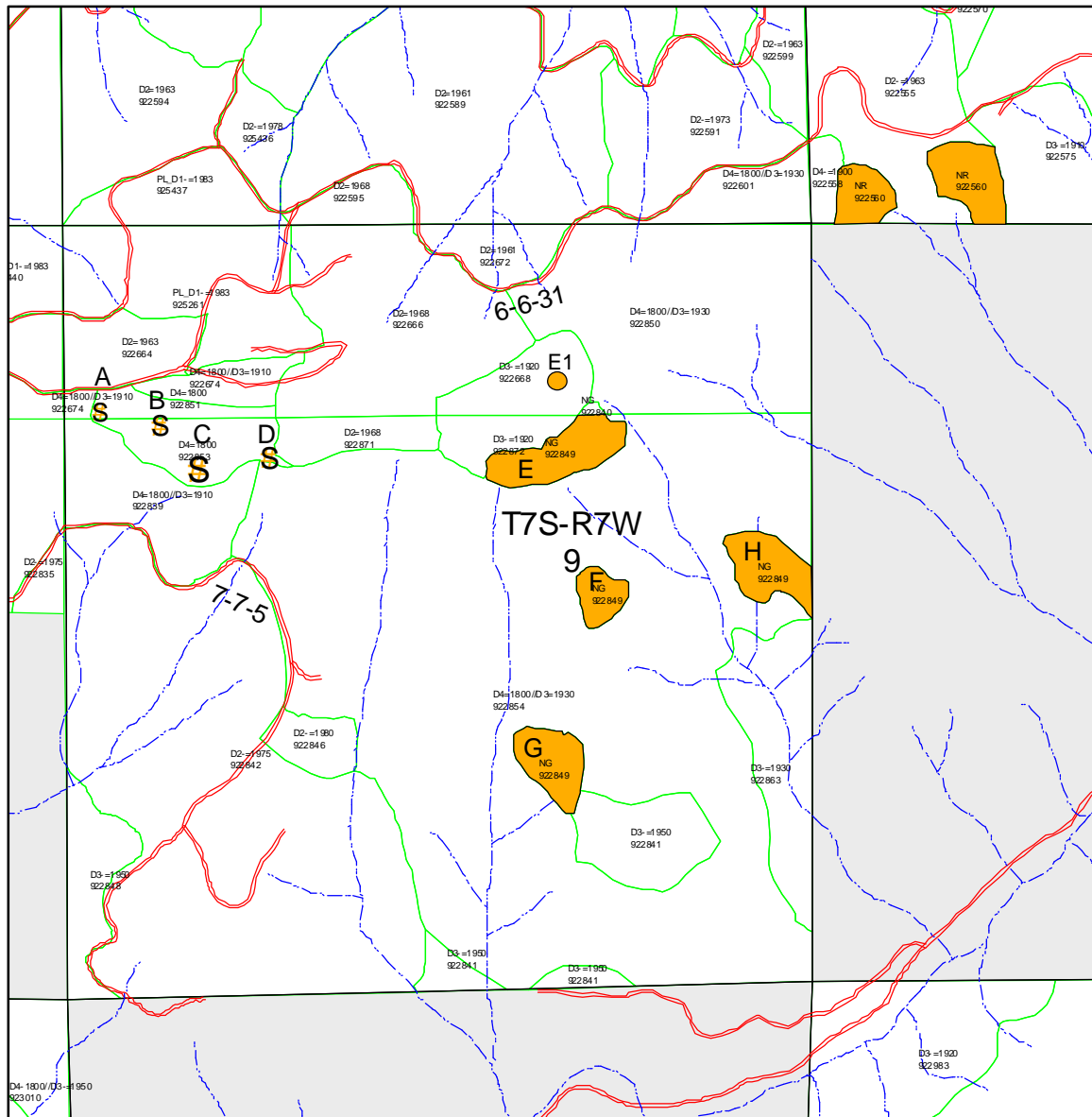





T7S-R7W, Sec. 9



Scale 1:12,000

Dry Meadow/cliffs/rock gardens
LUA: AMR
Elev: 1600-2400'
Conifer encroachment
Native species restoration
Minor oak release

 Grass Field Location
 Non-BLM Lands
 FOI Boundary



No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by the Bureau of Land Management.

May 29, 2002

Upper Mill Meadow Restoration Area

T. 7 S., R. 7 W., Sec. 9



Location on 1998 aerial photo

Meadow Site Description – Mary's Peak Resource Area, Salem District BLM

Landmark Name: <u>Upper Mill Creek -A</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 45%	Aspect: South	Elev.:2500'	Topo site: mid-slope
Type: wet <u>dry</u>	Aerial: Photo: 34_27B_34	LUA: AMR	Acres: 26 Total, A=1

Description A: Small, about 1-2 acres. Spp:) (hairy manzanita, northern buckwheat, dogtail grass (80% cover), silver hairgrass, and much racomitrium moss, TODI, HYPPE, and ACMIL.

Vegetation condition: site 10-15 surface rock, very dry.

Oak/hardwood: 1 small oak in NE corner, not open-grown, but not overtopped and no DF to overtop within 15- 20 years.

Conifer invasion: Minor, most trees on meadow edge are older, very poor form. 15-20 DF/GF saps, SE corner.

Recommended treatments: Conifer removal, remove future conifer competition 1 tree ht. around oak, increase native species grass and forb coverage/diversity by seeding and/or planting.

Fire reintroduction comments: Very dry site, may be unsuitable for burning..

Landmark Name: <u>Upper Mill Creek B</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 45%	Aspect: South	Elev.:2500'	Topo site: upper slope
Type: wet <u>dry</u>	Aerial: Photo: 34_27B_34	LUA: AMR	Acres: 26 Total, B=2

Description B: Same Spp. As "description A": HAIRY MANZANITA, N. BUCKWHEAT, DOGTAIL GRASS (80% COVER), SILVER HAIRGRASS, TODI, HYPPE, and ACMIL. Much RACOMITRIUM MOSS as well with the addition of BALSAMORHIZA or WYETHIA (coneflower?).

Oak/hardwood: Along the top, 5-8 trees, partially shaded and leaning into MEADOW. More Oak at the East end, mostly tall shrub form, 12-20'.

Conifer invasion: Most recent along bottom (South) lots of DF/GF saps. Top has 20-30-40 year old trees. ACMA on the West end, also 3-4 on the bottom of the area, 25-30' tall, becoming overtopped with DF saplings underneath.

Recommended treatments: Conifer removal, remove future conifer competition 1 tree ht. around oak, increase native species grass and forb coverage/diversity by seeding and/or planting. Thin oak.

Fire reintroduction comments: Very dry site, may be unsuitable for burning.

Landmark Name: <u>Upper Mill Creek C</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 45%	Aspect: SW, SE	Elev.: 2400'	Topo site: upper slope
Type: wet <u>dry</u>	Aerial: Photo: 34_27B_34	LUA: AMR	Acres: 26 Total, A=2
<p>Description C: Another very small 2-3 acre meadow. Wraps around small side ridge. Contains the same Spp. As "Description A" (HAIRY MANZANITA, N. BUCKWHEAT, DOGTAIL GRASS (80% COVER), SILVER HAIRGRASS, TODI, HYPPE, and ACMIL. Much RACOMITRIUM MOSS as well) with the addition of MADRONE, which are seeding into meadow (10-15 saplings).</p> <p>Oak/hardwood: Oak on margins, mostly North (upper) edge. Most are free to grow, some are over topped.</p> <p>Conifer invasion: Mostly bottom edge, many DF saps 5-10'. Top edge, many DF 40+ years old, 5-8" DBH.</p> <p>Recommended treatments: Conifer removal, remove future conifer competition 1 tree ht. around oak, increase native species grass and forb coverage/diversity by seeding and/or planting</p> <p>Fire reintroduction comments: Very dry site, may be unsuitable for burning.</p>			

Landmark Name: <u>Upper Mill Creek D</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 45%	Aspect: south	Elev.: 2400'	Topo site: upper slope
Type: wet <u>dry</u>	Aerial: Photo: 34_27B_34	LUA: AMR	Acres: 26 Total, D=1
<p>Description D: Dominated by 10-15' rock cliff running lengthwise thru it. Spp. Are the same as in "Description A" (HAIRY MANZANITA, N. BUCKWHEAT, DOGTAIL GRASS (80% COVER), SILVER HAIRGRASS, TODI, HYPPE, and ACMIL. Much RACOMITRIUM MOSS as well), with the addition of ALPINE CLUBMOSS, (LYCOPODIUM ALPINUM), and infrequent ERIOPHYLLUM or LUINA.</p> <p>Oak/hardwood: Only 2 Oak seen, partially to fully over topped. Madrone tree in NW</p> <p>Conifer invasion: DF saplings at all edges, 30-50 total.</p> <p>Recommended Treatments: Conifer removal, oak release, increase native species grasses and forbs by seeding and/or planting.</p> <p>Fire reintroduction comments: Very dry site, may be unsuitable for Burning.</p>			

Landmark Name: <u>Upper Mill Creek E</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 60-70% E, 50% W	Aspect: south, southeast	Elev.: 2400'	Topo site: upper slope
Type: wet <u>dry</u>	Aerial: Photo: 98_34_27A_34	LUA: AMR	Acres: 26 Total, E=9
<p>Description E/E1: No cliffs on the West. East end has steep cliffs. E1 is a small, rocky meadow on a flat bench above E.</p> <p>Oak/hardwood: West end has groves of small oak, 15-20 ' tall in meadow and on the edges end and patches of browsed regen, 2-4' tall. Fewer oaks on the East end, most are just on the North edge. E1 has small oaks on edges.</p> <p>Conifer invasion: Most is old on the West end, 30+ years old DF and a few saplings. DF encroach is moderate in the East. E1 has conifer encroachment on all sides.</p> <p>Recommended Treatments: Conifer removal, oak release, possibly oak thinning, increase native species grasses and forbs by seeding and/or planting.</p> <p>Firereintroduction comments: Very dry site, may be unsuitable for Burning.</p>			

Landmark Name: <u>Upper Mill Creek F</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 60-90%	Aspect: SE	Elev.: 2000'	Topo site: mid slope
Type: wet <u>dry</u>	Aerial: Photo:	LUA: AMR	Acres: 26 Total, F=2
<p>Description F: The ridge broadens in the West and is a 40% slope. Opening is very poor soil, mostly with DOGTAIL and RACOMITRIUM.</p> <p>Oak/hardwood: a few oak and madrone amidst DF on west edge (ridgetop).</p> <p>Conifer invasion: Minor encroachment, mostly 40+ years old.</p> <p>Recommended treatments: Conifer removal to maintain meadow. Native species restoration by seeding or planting.</p>			

Landmark Name: <u>Upper Mill Creek G</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 40%	Aspect: SW	Elev.: 1700'	Topo site: Mid slope
Type: wet <u>dry</u>	Aerial: Photo:	LUA: AMR	Acres: 26 Total, G=4
<p>Description G: Relatively large site, very dry as well. Madrone trees 30-40' tall, N and E edges. Cliff near bottom.</p> <p>Oak/hardwood: Oak along edges, 15-20', very dense grove below cliff.</p> <p>Conifer invasion: A few scattered 20-30 year old DF in interior, some 10-15 saplings. West edge also has encroachment, 3 small meadows to South and West, similar characters.</p> <p>Recommended Treatments: Conifer removal, oak release, possibly oak thinning, increase native species grasses and forbs by seeding and/or planting.</p> <p>Firereintroduction comments: Very dry site, may be unsuitable for Burning.</p>			

Landmark Name: <u>Upper Mill Creek H</u>			
Legal: 7-7-9		Date: 10-16-02	
Slope: 60-90%	Aspect: south	Elev.: 1600'	Topo site:
Type: wet <u>dry</u>	Aerial: Photo:	LUA:	Acres: 26 Total, H=5
<p>Description H: <u>Not visited.</u> Nearly sheer face with flat ridge top above. Too steep to work slope, part on Pvt. Photo #13 is useful here.</p> <p>Oak/hardwood: Ridge has Oak and ARME.</p> <p>Conifer invasion: No DF encroach visible, but it is likely on the lower part.</p> <p>Recommended Treatments: Conifer removal, oak release, possibly oak thinning, increase native species grasses and forbs by seeing and/or planting. Due to the cliffs on this site, work would be limited to the flat slope on north edge.</p> <p>Firereintroduction comments: Unsuitable for Burning.</p>			

Upper Mill Meadow Restoration Area

T. 7 S., R. 7 W., Sec. 9



A series of dry meadows, with thin soil. Typically have a fading fringe of oak, and minor levels of conifer invasion.

